ISES in rebuttal of the statement that pedestrians are more careless than motorists one who says that the tab kept by railroads at grade crossings is proof positive that automobilists are indeed a careless lot. These figures show only a minor percentage of car drivers who actually do "stop, look and listen." Most of them hardly slacken speed when they come to a crossing.

We ran across this recently in a motor publication: "While motoring with a railroad man recently, I noticed that he always said it was train time when he saw a railroad crossing ahead. I thought it rather strange that he should know when trains were due at all crossings, so I asked him about it. His answer was, 'It is always train time at a crossing.'"

This is surely a good motto for all automobilists. If they kept it in mind, accidents would be eliminated. But they do not have any such idea in mind apparently. In fact, most of them seem to think it is never train time at the moment when they approach a grade crossing. This goes even when there is a flagman and the gates are down. Some automobilists drive so fast that even when they see a sign warning of a crossing they are on top of the gates before they can slow. How on earth any one in his right mind ever runs through crossing gates is beyond us. But there are plenty who do, and the railroads have the figures to prove it.

How far 1 reventive measures can go without being effective is shown by Hollie L. Reed, of Amsterdam, N. Y. He says that at a dangerous right angle crossings on the road between Amsterdam and Schenectady huge signs made up of the word "Danger" were placed by the motor clubs of both towns. The motorist is apparently running right into "Danger."

several cases were brought up of taxicab drivers who failed to have rear lights lighted. These men operate in the neighborhood of the Pennsylvania Station. The defence made in many of these cases is that the pavement on Seventh Avenue is so torn up that an oil light is oftentimes jolted out without the driver knowing about it.

Magistrate Cobb expressed himself that unless the city fixes up the streets the Court can hardly be very severe upon the drivers. He is con-streets the Court can hardly be very severe upon the drivers. He is con-streets the Court can hardly be very severe upon the drivers. He is con-side of Hudson River, in excellent convinced, apparently, as are others who have observed the condition, that the drivers are not entirely to blame. That, of course, does not absolve them from going around in back to have a look when they stop their cars any-

Incidentally, it is worth while noting that Magistrate Cobb appears good dirt to handle a great many cases in the course of a day, without uttering speeches about the amount of work he is called on to do. It seems to us he gets through his work so expeditiously by the simple means of cutting out the rigmarole. He does not make a cause ten minutes long, with a full | and formal record, out of hearing a charge of failing to obey a traffic officer's signal to which some wagon driver has already pleaded guilty.

The rear of make a cause of ma

there exists a prior claim to that designation. The Liberty Motor Car Company of Detroit has been in existence since July 4, 1916. Patriotic considerations will probably impel this concern not to protest against the invasion of its registered rights.

It will grate upon the sensibilities of the Society of Automobile Engineers, whose members have been so active in the development of the specialists represented by the control of the special sensibilities are nown plant to have it called a "motor." The Society of Automobile stretches.

aviation power plant, to have it called a "motor." The Society of Automobile Engineers long ago started a campaign to have such things called Upstater Recommends "engines" reserving the designation "motor" for starting motors.

The War Tax as It Applies To Automobiles, New and Used

SECTION 600 (a)-That on the day this act takes effect, and thereafter on July first in each year, and also at the time of the original purchase of a new automobile or motorcycle by a user, if on any other date than July first, there shall be levied, assessed, collected, and paid, upon the use of automobiles and motorcycles not used exclusively for business an excise tax at basic rates as follows: Motorcycles, \$2.50; automobiles, the original listed retail price in the United States of which is not over \$500, \$5; original listed retail price over \$500 and not over \$750, \$7.50; original listed retail price over \$750 and not over \$1,000, \$10; and for each further increase of \$500 or fractional part thereof of original listed retail price up to and including the original listed retail price of \$3,000, an additional tax of \$5; and for each further increase of \$500 or fractional part thereof of original listed retail price, an additional tax of \$10.

In the case of a tax imposed at the time of the original purchase of a new automobile or motorcycle on any other date than July first, the amount to be paid shall be the same number of twelfths of the amount of the tax as the number of calendar months, including the month of sale, remaining prior to the following July first.

The tax payable in any year shall be reduced by ten per centum of its basic amount for each twelve months clapsed since the original sale of the automobile or motorcycle by the manufacturer or importer, but in no case shall it be reduced to less than fifty per centum of such basic amount.

Rare Field of Racing Drivers Gathered for Harkness Trophy Contest



Every expression from grave to gay is pictured on the faces of these pilots, who among the contenders in the Harkness trophy race, which will be held next Saturday at Sheepshead Bay. Chevrolet, on the extreme left, is serious. Next to him, Hearne, who might smile in just a minute. Resta, who has been induced to try a come-back, is essaying a doubtful grin. A little more mirthful is Henderson, is cheerful indeed, but nothing like the other Ralph, Mulford, who gives vent to a hearty laugh, as one who sees the prize money coming his way. They all will be seen in action at the Bay track, wearing their smiles.

In spile of that, two accidents, both of them serious, happened in bevoal daylight at this point. They were caused by automobilists approaching the turn too rapidly to come to a safer stop. How any one can do this sort of thing in daylight is close to incomprehensible. The signs are illuminated at night, but no such accidents have happened when it is dark. Under such circumstance is tides looks as fix a charge of carefessances lies against motorists. Our thesis is that whatever they may be out on country roads where they fancy themselves said, motorist in the city accounter of the American Automobile and circumstance—are as a whole wally moterative. The anticology and the secretal more respectful toward constituted police authority than perhaps the contract of the streets.

In the Traffic Court

Constituted policy given to the law which requires that more of the streets.

In the Traffic Court

Constituted policy given to the law which requires that more of the streets.

In the Traffic Court

Constituted policy given to the law which requires that more torists in preader New York shall have operators' licenses for driving care, there are all too many awas in the Traffic Court of uncombibilities and preader of the streets.

Magistrate Colbs, who is stilling which were all too many have in the Traffic Court of uncombibilities and the streets of the str

Greensburg. New York to Atlantic City via New-

Acw lork to Allantic City via New-ark, Elizabeth, Rahway, the Amboys, Matawan, Freehold, Lakewood, Toms River, Barnegat, New Gretna, Pleasant-ville. Good condition throughout with exception of one-half mile in South Am-New York to Kingston, via Tuxedo,

Utica-Ithaca Routing

Automobile Editor of The Tribune.

Sir: I was told that in your edition last Sunday you spoke of the road from Utica to Ithaca, by way of Cazenovia and Woodstock, being bad on account of the detour at Woodstock. As my paper is now going to Dart's Camp, in the Adirondacks, I am unable to verify just what you did say, but the above

just what you did say, but the above statement is correct, anyway.

Last week I travelled the road from Ithaca to Utica twice going to and from Dart's, and by far the best route is Ithaca, Cortland, Tully, Fabius, Delphi, Manlius, Chittenango, Vernon, Utica. This is all macadam and registers 101 miles. Between Fabius and Delphi there are detour signs, which should not be followed, as the road is open, and the work going on is only finishing up the shoulders, guard rails, etc.

and the work going on is only finishing up the shoulders, guard rails, etc.
Delphi is not shown on the Blue Book Map 53, but lies on the road marked with a heavy black line running south from Oran, and is about due west from Webster Station, shown on the Cazenovia road. The new stretch of completed road now fills in the light double lines from there on to Fabius. Delphi is shown on Scarborough's map, though the route is not marked.

There is a beautiful panorama of Oneida Lake and valley when topping

Oneida Lake and valle; when topping the hill between Manlius and Chitte-nango, and one should look back when coming from Chittenango. It cannot be missed going the other way. JOHN SOUTHWORTH.

Road Conditions For Season's Racing Championship Title Goes With 100-Mile Event at Sheepshead Bay Motor Speedway

Power

You Can See They're Wild About the Car

Thermostat

Neither thermostatic control of wate circulation, nor radiator shutter for cold weather driving is new, but the combination of them, so that the ther-

out again for small tractors of the modfair in dry weather. The other is at

Milton, also about three miles over
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Hints on the Care and Feeding of the

Failure to indicate speed of mileage will probably be found due to one of the following causes:

(1) Loose union connection between speedometer and flexible shaft.
(2) Loose union connection between swivel joints and flexible shaft.
(3) A link in the flexible shaft may

at the lower edge of top glass. It sells for \$2.





To overcome fatigue in handling be awung under the car by the handle attachment operating through a universal joint, a that it works from any angle, is sold motor car sizes for SS. The jack may be awung under the car by the handle which, by the way, folds up when not needed for use. It has worm drive and the tie rod ahead of it. It is designed to hold the front wheels more steadily on the road and relieves the driver of constant hard grips on the wheel. A double his which connects the



Igerrate crowd. He's serious and smoking. If you saw them coming, what would you? Dodge? Read over this caption and you will discover the name of the car; that is, if you are very acute. dency to sway. The tension is regu- by the operator.

Motor Fuel From Straw Shows Efficiency

The subject of fuel divides with the of tires the honor of being the tops most discussed by motorists. Especial, in these days, when saving gasolir o desirable and desired. Short ca

and economy methods are getting man han their usual share of attention. Motor fuel from sawdust already be peen noted. Now it is reported for Canada that fuel gas-10,000 feet free ton-can be made out of everyte straw. It is reported that more than in Western Canada, for which other wise there would be very little use.

Thirty to forty tons of this strawer provide the average farmer with light bilist's point of view is that this strenges is adaptable to internal combustion

gas is adaptable to internal combustice engines.

From France comes the word that mixture 75 per cent denatured slocks and 25 per cent gasolene is being most successfully in engines. This combustion is characterized as very satisfactory, "one that affords flexibility and makes starting a cold engine as easy as with a gasolene mixture." The slockhol-gasolene fuel oes not require an increase in the observable that is, with the splash or combination splash and fore feed that the maximum level be constantly maintained.

fuel removes any carbon previously ex-isting. After diassembling the engine it is found that the valves, pistons rings and cylinder are clean and in ex-

rings and cylinder are clean and in excellent condition. It is said that part of the lubricating oil slightly earlies the mixture. Tests demonstrated the carbon-removing possibilities of carbudetted alcohol, it cleaning an engine is about three hours.

Relative to a mixture of benzel and alcohol, it is said it can be made in all proportions. In utilizing it, the air may be diminished in the proporties that the alcohol is increased. Benzel is soluble in alcohol in all proportien, and one may augment or diminish the proportion of benzel according to the rise and fall of its price, in order that the price of the resulting fuel may be as low as possible.

The more alcohol used the more the benzel-alcohol mixture resembles that of the alcohol-gasolene combination pre-

which may be promptly corrected.

(1) Loose union connection between speedometer and flexible shaft.

(2) Loose union connection between swivel joints and flexible shaft.

(3) Flexible shaft may be bent at a sharp angle, causing the shaft at times to bind, making the dial or pointer unsteady.

(4) The flexible shaft may not be well lubricated, which causes erratic shaft movement and unsteady indication.

(5) The swivel joints may not be properly lubricated.

Failure to indicate angle of a little shows the results: